



संशोधनेन संवृद्धिः

PURCHASE DEPARTMENT



संशोधनेन संवृद्धिः

VASANTDADA SUGAR INSTITUTE

MANJARI BK., HAVELI, PUNE- 412307

Phone: 020-26902316/26902286 Fax. 020-26902244

WEBSITE: www.vsisugar.com

Tender Notice

Sealed tender offers (in Prescribed Format) are invited from reputed firms/Suppliers/Manufacturers for for Supply /Erection / Installation / Commissioning / Testing and trial of Hot water tank with Glass Wool insulation & temperature controller

For Detailed Tender form & detailed Tender Notice please visit our website. The pre-bid meeting will be held on **15/11/2022**) at VSI manjari Office, Last date of submission of tender form is **19/11/2022**. Vasantdada Sugar Institute reserves the right to accept or to reject any or all tenders without assigning any reason thereof.

DIRECTOR GENERAL



VASANTDADA SUGAR INSTITUTE
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Phone: 020-26902316/26902286 Fax. 020-26902244
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TENDER NOTICE

Sealed offers in two envelopes (in prescribed format) are invited from reputed firms/Suppliers/Manufacturers for Supply /Erection / Installation / Commissioning / Testing and trial of Sigma Mixture, Hot water tank with Glass Wool insulation & temperature controller.

As detailed below;

Sr. No.	Item/Description	Tender form fees (Rs.)	EMD Amount (Rs.)
1.	Hot water tank with Glass Wool insulation & temperature controller	5,900/-	75,000/-

For further details, please visit website. The tender form can be downloaded from website during the period from 21.10.2022 to 19.11.2022. The Pre bid meeting will be held on **15/11/2022 (03.00 PM)**. Last date for submission of Tender form is **19/11/2022**. Institute reserves the right to accept or to reject any or all tenders without assigning any reason thereof.

Tender Terms & Conditions

1. Please quote for the rate, GST, other taxes, freight, warranty, loading & unloading, installation, commissioning and successful operation separately.
2. Offer should be valid for 90 days.
3. Demand Drafts of Tender form fee and Earnest money deposit (as mentioned in tender notice) should be of Nationalized/schedule Bank in favor of Vasantdada Sugar Institute, Pune.
4. Supplier/Agency will have to complete the order/work as per the purchase/work order. If the supplier/agency failed to complete the job within 30 days, penalty equal 0.1 of cost of contract value per week will be recovered as liquidated damages.
5. The Institute is not responsible for any accidents/claims during the transportation/work/installation of the material/equipment.
6. Supplier/Agency should submit the delivery challan, without delivery challan/invoice unloading will not be allowed.
7. The Supplier/Agency should give prior intimation before unloading.
8. No advance payment is allowed.
9. Earnest money deposit will be forfeited if supplier withdraw his offer or refuse to sign an agreement of supply.
10. The decision of Director General, Vasantdada Sugar Institute is binding on supplier in respect of the entire dispute.
11. T.D.S. provisions of I.T. Act are applicable, and according T.D.S. at applicable rate would be deducted from bill amount.
12. Selected Supplier/Agency will have to deposit the security deposit of 4 % of the total order cost and sign an Agreement before placement/receiving of purchase order on non-judicial stamp paper of Rs.500/-.
13. The demand drafts of tender form fee and earnest money deposit should be submitted along with offer in envelope no.1 (Technical bid)
14. 90% payment will be made within 15 days against completion of work as per order/specification at our site. Balance 10 % amount will be made on submission of satisfactory work completion report of user department within 30 days from the date of receipt of bill.
15. If the Supplier/Agency failed to complete the work ordered, the same would be purchased from other agency at the risk & cost of the firm.

IMPORTANT: The Tender should be submitted in two separate sealed envelopes in the following manner with clearly mentioning the subject of the tender.

Envelope No. 1. : D.D. of Tender form fee and EMD, a copy of firm registration, a copy of GST registration, a copy of PAN card, technical manpower available, the list of customers for whom similar Website development work done. Technical Information & brochure, if any

Envelope No. 2. Commercial offer only. The rates should be quoted both in words and in figures. In case of variation in rate quoted in figures & word, the rate quoted in word shall be considerable.

Chief Accountant & I/c. Purchase

TENDER FORM

(Tender form for _____)

From: _____

Ph/Mobile No. _____

To,
The Director General,
Vasantdada Sugar Institute,
Manjari Bk., 412 307,
Tal. - Haveli, Dist. - Pune

Sub: Tender for “ _____ ” ..

Dear Sir,

As per your tender notice published in Daily _____ dated: / /2022,
We are submitting herewith our lowest offer as under.

Sr.No.	Particulars	Rate	Quantity	Amount Rs.

Note: The rate should be quoted in words & figure.

Terms & Conditions:

1. Taxes :
2. Delivery :

Declaration: I/We agreed to supply the material/complete the work within stipulated period and also accept all terms and conditions mentioned in tender.

Yours faithfully,

Signature:

Name :

Stamp of the firm:

Technical Specifications/ Documents For Design, Manufacturing, Supply, Erection, Testing and Commissioning Of Hot water tank with Glass Wool insulation & temperature controller At Vasantdada Sugar Institute, Pune
(Tissue Culture Laboratories)

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1) Introduction

The detail of required hot water Tank equipment is given bellow.

The equipment is important for our production activities. The manufacturers shall visit to site, discuss and take care of all our desired requirement and outputs.

2) Scope of work

Single point responsibility turnkey contract including design, engineering, manufacture, testing, transportation and erection of Hot water tank equipment and successful commissioning, putting in to operation and establishing the successful performance during the performance guarantee tests including all other incidental services required for the satisfactory completion and performance of the equipment. Suggestions also invited for modification and automation of production and refilling process.

3) Quality Requirement

- Manufacture shall fabricate the tank as per IS standards.
- All the material shall be new from fresh stock & as per standards.
- Initial approval of Design, GA, BOM of Tank, Electrical panel from VSI is necessary before fabrication.
- Damage, dent, unproven fitting and non standard work will not accepted.
- Leakage will not accept.
- Inspection of material and test at shop will be done by VSI before dispatch.

- Manufacture shall submit all required certificates of material to VSI.
- The defect liability / guarantee period would be one year from the date of commissioning.

4) Technical Specification for
Hot water tank with temperature control system

Sr. No.	Description	Details
1.	Construction	<p>Scope of work : Design, Manufacturing, Supply, Erection, Testing and Commissioning Of Hot water tank with temperature controller</p> <p>1.1 Shape- Cylindrical tank with suitable opening at top to feed water inside the tank</p> <p>1.2 Working Capacity- 1400 Liter</p> <p>1.3 Size (Inside)- Diameter- 1100mm Height – 1457mm With inlet, outlet and overflow nozzles.</p> <p>1.4 Material of tank- IS2062</p> <p>1.5 Thickness of MS sheet- 10mm (including bottom, top and shell)</p> <p>1.6 Design Pressure- 1Kg/cm²</p> <p>1.7 Design Temperature- 75 o C</p>
2.	Digital Temperature Controller	<p>Desired water temperature- 60o C</p> <p>Temperature controller and indicator – Single set point (1 No-1Nc), 230V, 50Hz</p> <p>Temperature sensor- PT100- Dia- 6mm, Length- suitable</p> <p>Thermostat (0 to 100o C) stable with 1No- 1NC contact, length- suitable</p>

3.	Temperature control panel		<p>Cubicle type free standing, stand mounting, dust and vermin proof, temperature control panel, made of 14 SGW CRCA sheet, with powder coating, cable entry-bottom site,</p> <p>Power circuit wiring with suitable single core Cu wire and in colour code</p> <p>Heater- 3 x 12 KW = 36 KW and U/ Suitable shape with tight fitting w/o leak of water. Termination plate having safety cover</p> <p>Suitable mounting arrangement of all electrical accessories and control wiring with ferrules & lug</p> <p>MS Stand height- for panel 2 feet from GL</p> <p>Incoming cable of 35 Sqmm 4 core LT-XLPE armoured in scope of manufacture -20meter.</p> <p>All material to be provided as per make list given herewith</p>
4.	Heater		<p>3 x 12 KW =36 KW, 240V, 50Hz, Heavy duty with tight fitting w/o leakage of water</p>
5.	Valve		<p>¾" for control the hot water</p>
6.	Other		<p>Door opening and its fitting should be proper with handle</p> <p>Sensors control wiring should be proper</p> <p>Insulation :- Glass wool and aluminum cladding with</p> <p>Painting to tank</p> <p>Lifting hook arrangement to be provided</p>

5) List of make

Sr. No.	Material	Make
1.	MCCB/MCB	Legrand /L & T/, Siemens
2.	LED Indication	Teknic/Siemens/L&T
3.	Push button/ Emergency S/W	Teknic/Siemens/L&T
5.	OLR	L & T/ Siemens
6.	contactor	L & T/ Siemens
7.	Thermostat suitable – 0 to 1000 C	Sunvik
8.	PT-100-Simplex type	ESD
9.	Temperature controller- single point	ESD
10.	Cable /Control & power wiring	Polycab/ Finolex
11.	Lug	Dowell /Comet / Jaisaon
12.	Gland	Dowell / Comet
13	MS Plate	TATA/ SAIL